

REMARKS

This is intended as a full and complete response to the Office Action dated February 4, 2009, having a shortened statutory period for response set to expire on May 4, 2009. Please reconsider the claims pending in the application for reasons discussed below.

Claims 1-13 are pending in the application. Claims 1-4, 6-13 and 23-31 remain pending following entry of this response. Claims 1 and 6 have been amended. Claim 5 has been cancelled. New claims 23-31 have been added to recite aspects of the invention. Applicants submit that the amendments and new claims do not introduce new matter.

Further, Applicants are not conceding in this application that those amended (or canceled) claims are not patentable over the art cited by the Examiner, as the present claim amendments and cancellations are only for facilitating expeditious prosecution of the claimed subject matter. Applicants respectfully reserve the right to pursue these (pre-amended or canceled claims) and other claims in one or more continuations and/or divisional patent applications.

Claim Rejections - 35 U.S.C. § 112

Claims 1-13 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

With this response, Applicants have amended claim 1 to recite "wherein determining whether the relationship is violated comprises determining that the memory space was allocated by an allocator different from the one or more memory allocators." Further, claim 6 has been amended to recite similar limitations. Applicants submit that the claims, as amended, are not indefinite. Accordingly, Applicants respectfully submit that the rejection is obviated.

Claim Rejections - 35 U.S.C. § 102

Claims 1-8 and 11-13 are rejected under 35 U.S.C. 102(e) as being anticipated by *Spertus et al.*, U.S. Patent No. 6,938,245 B1 (hereinafter *Spertus*).

With this response, Applicants have amended claim 1 to recite "wherein determining whether the relationship is violated comprises determining that the memory space was allocated by an allocator different from the one or more memory allocators." Further, claim 6 has been amended to recite similar limitations. Applicants submit that the claims, as amended, are not taught by *Spertus*. Accordingly, Applicants respectfully submit that the rejection is obviated.

Therefore, the claims are believed to be allowable, and allowance of the claims is respectfully requested.

Claim Rejections - 35 U.S.C. § 103

Claims 9-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over *Spertus* in view of *Kolawa et al.*, U.S. Patent No. 5,842,019 (hereinafter *Kolawa*).

With this response, Applicants have amended claim 1 to recite "wherein determining whether the relationship is violated comprises determining that the memory space was allocated by an allocator different from the one or more memory allocators." Further, claim 6 has been amended to recite similar limitations. Applicants submit that the claims, as amended, are not taught by the references. Accordingly, Applicants respectfully submit that the rejection is obviated.

Therefore, the claims are believed to be allowable, and allowance of the claims is respectfully requested.

Conclusion

Having addressed all issues set out in the office action, Applicants respectfully submit that the claims are in condition for allowance and respectfully request that the claims be allowed.

Respectfully submitted, and
S-signed pursuant to 37 CFR 1.4,

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